(51) International Patent Classification⁷: G06F 17/30

(21) International Application Number: PCT/KR02/01830

(22) International Filing Date:
27 September 2002 (27.09.2002)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
2001-0089027   31 December 2001 (31.12.2001)   KR

(71) Applicant (for all designated States except US): KT CORPORATION [KR/KR]; 206, Jungja-dong, Pundang-ku, Sungman-shi, 463-711 Kyoungki-do (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LEE, Sang-Youn [KR/KR]; #101-501 Jangan Town, 68, Bundang-dong, Bundang-gu, Seongnam-si, 463-030 Gyeonggi-do (KR).

CHOI, Young-Sik [KR/KR]; 17, Umyeon-dong, Seocho-Gu, 137-792 Seoul (KR). LIM, Woo-Young [KR/KR]; 17, Umyeon-dong, Seocho-Gu, 137-792 Seoul (KR). KIM, Hae-Kwang [KR/KR]; 467-14, Gunja-dong, Gwangjin-gu, 143-150 Seoul (KR).

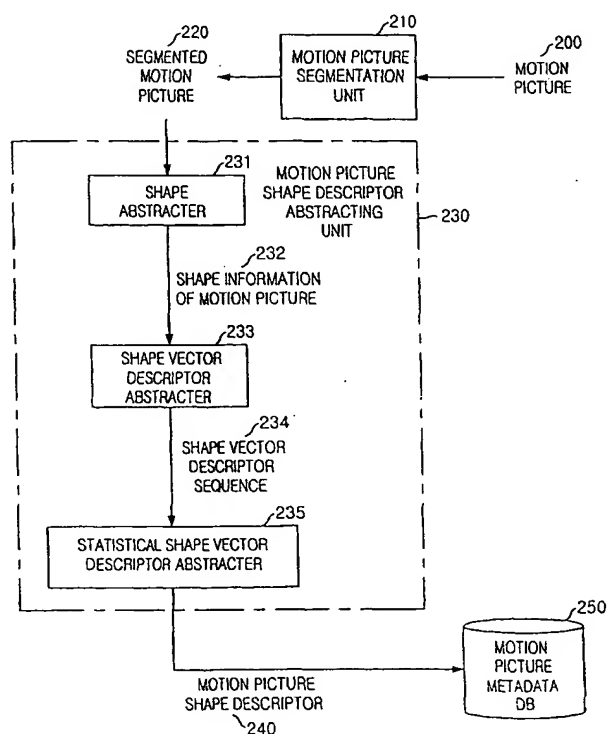(74) Agent: SHINSUNG PATENT FIRM; Haecheon Bldg., 741-40, Yeoksam 1-dong, Kangnam-ku, 135-924 Seoul (KR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

(54) Title: APPARATUS AND METHOD FOR ABSTRACTING MOTION PICTURE SHAPE DESCRIPTOR INCLUDING STATISTICAL CHARACTERISTICS OF STILL PICTURE SHAPE DESCRIPTOR, AND VIDEO INDEXING SYSTEM AND METHOD USING THE SAME

(57) Abstract: An apparatus and method for abstracting motion picture shape descriptor including statistical characteristics of still picture shape descriptor, and video indexing system and method using the same. The video indexing system includes: Segmenting means for segmenting video; Abstracting means for abstracting motion picture shape descriptor information from the segmented video information; and Storing means for storing the motion picture shape descriptor information as metadata.

WO 03/056463 A1